

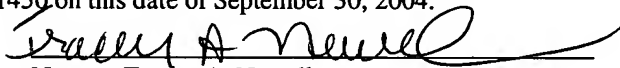
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael D.G. STEIGERWALD, et'al. :
Serial No.: 10/756,797 : Art Unit: 2881
Filed: January 13, 2004 : Examiner: To be assigned
For: **ELECTRON-BEAM DEVICE AND** : Atty. Docket: FRM-04201
DETECTOR SYSTEM :

Certificate of Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of September 30, 2004.


Name: Tracey A. Newell

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. 1.56. Copies of the documents are also being submitted.

Since this IDS is being filed prior to a first Office Action on the merits for this case, no fee is due. Applicants note that Reference AA is a U.S. application that corresponds to German reference DE 100 12 314 A1 included in the IDS filed on August 6, 2004.

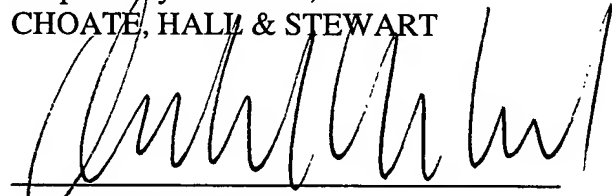
The Examiner is respectfully requested to initial the space adjacent to each document on the PTO-1449 form and return a copy of the PTO-1449 form to confirm that these documents have been considered by the Examiner and made of record in this application.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any

deficiencies to/from our **Deposit Account No. 031721**. Two originally-executed copies of this form are being submitted.

Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at (617) 248-4038.

Respectfully submitted,
CHOATE, HALL & STEWART

A handwritten signature in black ink, appearing to read 'Donald W. Muirhead', written over a horizontal line.

Donald W. Muirhead
Registration No. 33,978

September 30, 2004
Date

Customer No.: 26339
Patent Group
Choate, Hall & Stewart
Exchange Place
53 State Street
Boston, Massachusetts 02109

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/756,797
Filing Date	January 13, 2004
First Named Inventor	Michael D.G. STEIGERWALD
Art Unit	2881
Examiner Name	To be assigned
Attorney Docket Number	FRM-04201

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-2002/0011565 A1	01-31-2002	Volker Drexel, et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	AJ	EP 0 721 201 A1	07-10-1996	EPO		
	AK	EP 0 689 063 A2	12-27-1995	EPO		
	AL	JP 08-273569	10-18-1996	Japan		English Abstract
	AM	JP 08-124513	05-17-1996	Japan		English Abstract
	AN					
	AO					<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/756,797
				Filing Date	January 13, 2004
				First Named Inventor	Michael D.G. STEIGERWALD
				Art Unit	2881
Examiner Name	To be assigned				
Sheet	2	of	2	Attorney Docket Number	FRM-04201

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AR	HEINER JAKSCH; "FIELD EMISSION SEM for true surface imaging and analysis"; reprinted from Materials World, October 1996, (3 pages).	<input type="checkbox"/>
	AS	Supplemented Abstract for EP 0 917 178 A1 (Reference AK), included with IDS filed on August 6, 2004.	<input type="checkbox"/>
	AT		<input type="checkbox"/>
	AU		<input type="checkbox"/>
	AV		<input type="checkbox"/>
	AW		<input type="checkbox"/>
	AX		<input type="checkbox"/>
	AY		<input type="checkbox"/>
	AZ		<input type="checkbox"/>
	BA		<input type="checkbox"/>
	BB		<input type="checkbox"/>
	BC		<input type="checkbox"/>

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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